

Converting Colors

Hex(80C2AF)

Have a look what the booklet for
Hex(80C2AF) contains.

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Color

Hex(80C2AF)

Conversions

Conversions Part 1

Format	Color
Hex	80C2AF
RGB	128, 194, 175
RGB Percent	50%, 76%, 69%
CMY	0.4980, 0.2392, 0.3137
CMYK	0.34, 0.00, 0.10, 0.24
HSL	163°, 35%, 63%
HSV	163°, 34%, 76%
XYZ	35.9317, 46.2679, 47.5942
YIQ	172.1000, -33.2370, -19.9010

Conversions

Conversions Part 2

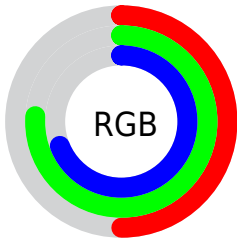
Format	Color
RYB	128, 167, 194
Decimal	8438447
CIELab	73.72, -25.19, 2.90
CIELCh	74, 25.352, 173.424
Yxy	46.2679, 0.2768, 0.3565
Android (android.graphics.Color)	4286628527 (0xFF80C2AF)
YUV	172.1000, 1.4297, -38.6757
Hunter-Lab	68.0205, -24.7436, 6.1289

Details

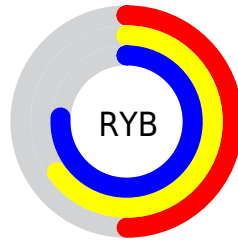
The Hex color **80C2AF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C28093**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B7FBE6**, and **4B8C7B** is the 20% darker color. If you saturate the color by 10%, you get **6DC2A9**, and if you desaturate by 10%, it is **93C2B5**.

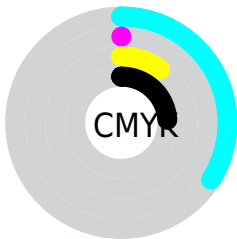
Distribution



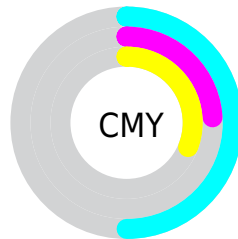
- Red (50%)
- Green (76%)
- Blue (69%)



- Red (50%)
- Yellow (65%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (50%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80C2AF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 80C2AF by changing the saturation by 10% instead.

 80C2AF

 80C2AF


FFFFFF

 65A794

 B7FBE6

 4B8C7B

 D3FFFF

 317262

 F0FFFF

 145A4A

 004233

 002B1E

 001606

 000000

 80C2AF

 80C2AF

 6DC2A9

 93C2B5

 59C2A4

 A7C2BA

 46C29E

 BAC2C0

 32C299

 CEC2C5

 1FC293

 E1C2CB

 0CC28D

 F4C2D1

 00C28A

 FFC2D6

 FFC2DC

 FFC2E1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98BF99



80C2AF



72C2C7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80C2AF



B2B1E0



DDAA91

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80C2AF



C28093

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E5A5A4



80C2AF



CEA9D1

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80C2AF



92B9E3



E0A5BB



CBB287

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80C2AF



74C0D4



E0A5BB



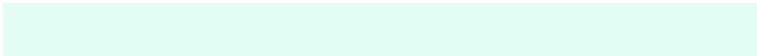
E1A896

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80C2AF



E3FCF5



94C280



70807B



000000



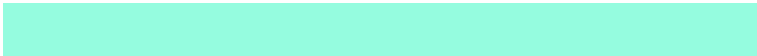
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80C2AF



95FCDF



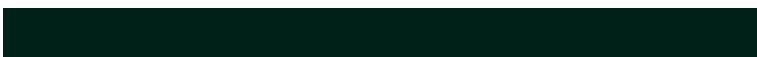
80B5C2



57615E



00A172



002118

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C28093



FC95B3



C28D80



61575A



A1002E



21000A

Previews

White Background



This preview shows how the Hex color 80C2AF looks on a white background.

Color Contrast Check

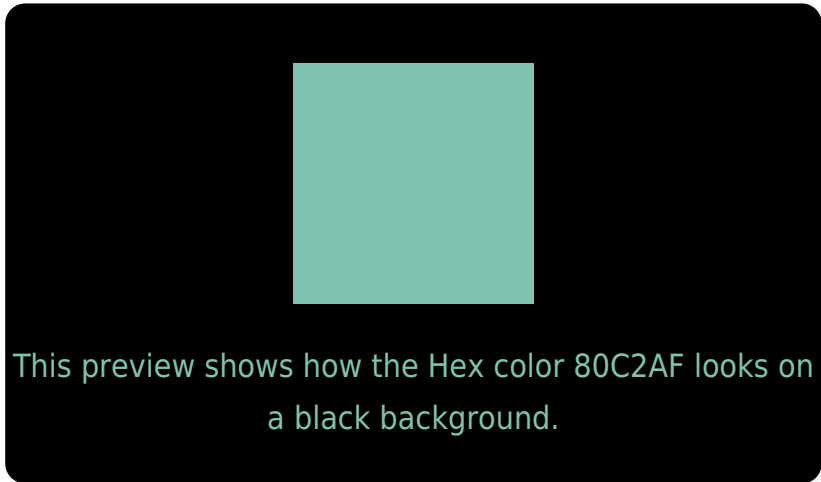
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

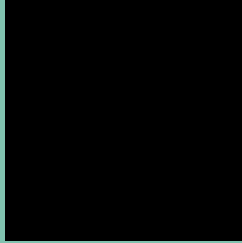
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

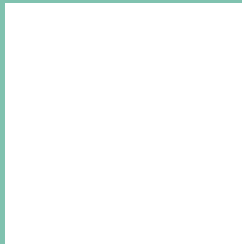
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 80C2AF Background



This preview shows how black text looks on a background with the Hex color 80C2AF.



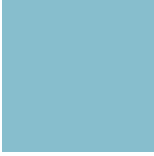
This preview shows how white text looks on a background with the Hex color 80C2AF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

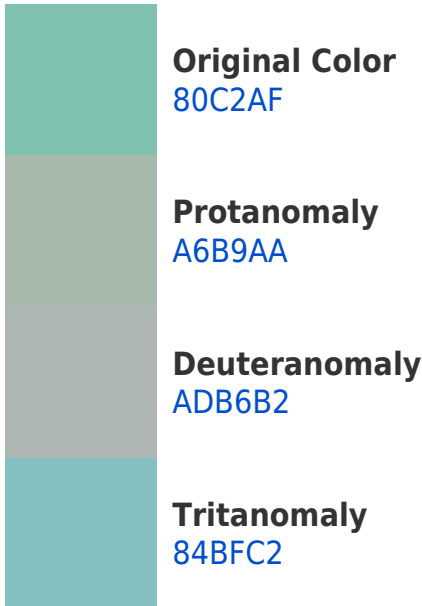
Dichromacy



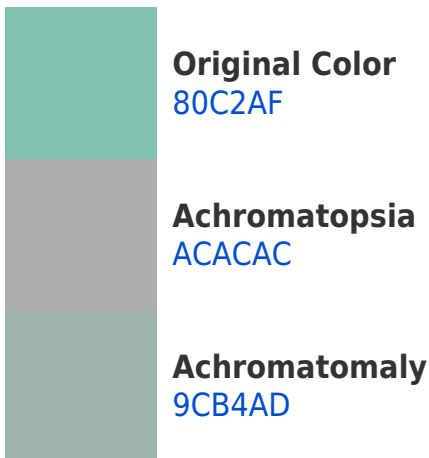


Tritanopia
87BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80C2AF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #80C2AF looks like.

```
.text, #text, p{  
    color:#80C2AF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #80C2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C2AF
}
```

Border

The CSS property to change the border of an element to Hex 80C2AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80C2AF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#80C2AF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #80C2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C2AF; -webkit-box-shadow:4px 4px  
4px 4px #80C2AF; box-shadow:4px 4px 4px  
4px #80C2AF }
```

Background

The CSS property to change the background color of an element to Hex 80C2AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C2AF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#80C2AF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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